

Curriculum Vitae
Lewis Albert Andres, M.D.

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EDUCATION

Michigan State University-College of Human Medicine 2002.	<i>East Lansing, MI</i>	<i>9/1998 – 5/2002</i>
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Columbia University 1998. Department of Neurobiology: Neuroscience/Biochemistry	<i>New York, NY</i>	<i>6/1997-5/1998</i>
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Harvard University – Medical School/ Graduate School of Arts & Sciences 1998. Department of Neurobiology: Neuroscience/Biochemistry	<i>Cambridge, MA</i>	<i>8/1994 –5/1998</i>
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Columbia University 1994. Pre-Medical/Biology major, Political Science concentration	<i>New York, NY</i>	<i>8/1990 –5/1994</i>
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EXPERIENCE/TRAINING

Andres Plastic Surgery CEO at Andres Plastic Surgery. www.andresplasticsurgery.com	<i>Scottsdale, AZ</i>	<i>7/2009-current</i>
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Assistant Clinical Professor Instruct medical students rotating through Plastic & Reconstructive Surgery. Faculty in the instruction and teaching of medical students in pre-clinical and clinical years. Admission Committee member.	<i>University of Arizona - Phoenix, Phoenix, AZ</i>	<i>5/2015-current</i>
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Assistant Clinical Professor Instruct Physician Assistant students rotating through Plastic & Reconstructive Surgery.	<i>Midwestern University; Phoenix, AZ</i>	<i>1/2010-current</i>
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Advanced Aesthetic & Reconstructive/Microsurgery Fellow Fellowship – Mayo Clinic-AZ. Focused on microsurgical (including perforator flaps) and various reconstructive techniques for oncologic tumor reconstruction of the breast, head & neck, and lower extremity. Also includes advanced training in complex hand, burn reconstruction, and aesthetic surgery.	<i>Phoenix, AZ</i>	<i>7/2008 – 6/2009</i>
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Plastic & Reconstructive Surgery Resident Chief Resident – Grand Rapids/Michigan State University Plastic & Reconstructive Surgery 2007-8. Designated PRS resident position @ Michigan State University/Grand Rapids Medical Education & Research Center five-year Combined Plastic & Reconstructive Surgery Residency Program. Preliminary Surgery internship 2002-3. General Surgery/Plastic & Reconstructive residency 2003-8.	<i>Division of Plastic Surgery; Grand Rapids, MI</i>	<i>7/2002 – 6/2008</i>
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Clinical Instructor Clinical instructor for Michigan State University – College of Human Medicine. Instruct medical students rotating through Plastic & Reconstructive Surgery. Appointment offered by the faculty of the Medical College at the Grand Rapids campus.	<i>Michigan State University, E. Lansing, MI</i>	<i>7/2006 – present</i>
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Stryker International Fellow – Operation Smile Earned inaugural fellowship as a plastic & reconstructive surgery fellow for international medical mission training with Operation Smile. Mission site - Hai Phong, Vietnam.	<i>Norfolk, VA</i>	<i>6/2009</i>
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Regan Fellow – Operation Smile Earned first fellowship as a plastic & reconstructive surgery resident to participate in the 25 th anniversary of Operation Smile. Conducted research projects on outcomes of cleft lip & palate surgery, genetic sampling of cleft patients & families, and breast feeding in the cleft patient. Mission site - Managua, Nicaragua.	<i>Norfolk, VA</i>	<i>11/2007</i>
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Med-1 Occupational Health Center Physician provider for occupational health clinic.	<i>Grand Rapids, MI</i>	<i>7/2006 –6/2008</i>
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Graduate Assistant*MSU-CHM; E. Lansing, MI*

8/1998 – 8/2000

Conducted research in Geriatric Medicine/Family practice with Dr. Larry Lawhorne in various long-term care and end-of life directives through nursing home settings throughout Michigan. Student representative president with organization of the Geriatrics Student Group. Assisted in the establishment of an Ombudsman program between medical students and nursing home residents.

Anesthesiology Research Coordinator*Mount Sinai Medical Center; New York, NY*

9/1996 – 8/1998

Staff research coordinator in the Department of Anesthesiology assisting Dr. Joel Kaplan and colleagues in various studies. Involved in the study design, patient enrollment, patient interaction, creating databases, and data analysis. Extensive studies in cardiac, obstetric/gynecology, pain, and general anesthesia.

Graduate Researcher*Harvard Medical School; Boston, MA*

9/1994 – 7/1996

Graduate student researcher in the Department of Neurobiology assisting Dr. Huntington Potter in the research of the molecular and physiologic basis of neurodegenerative diseases, specifically Alzheimer's Disease (AD). Focused on the theory, still to be proven, that AD is a mosaic form of Down's Syndrome. Isolation of a new 170kd protein believed to be involved in short and long-term memory; isolation and study of hippocampal neurons of adult and neonatal calcineurin knock-out mice.

Anesthesiology Research Assistant*UCLA Medical Center; Los Angeles, CA*

5/1993 – 9/1993

Research assistant in the Department of anesthesiology assisting Dr. Stanley Stead and colleagues in a trial investigating the use of sevoflurane, a new potent inhalation anesthetic, for the induction and maintenance of anesthesia in adult and pediatric patients.

PUBLICATIONS

Neaman KC, **Andres LA**, McClure AM, et al. A New Method for Estimation of Involved Body Surface Areas for Obese and Normal With Burn Injury. *J Burn Care Res.* **2011** May-Jun;32(3):421-8.

Andres LA, Kreymerman PA, Lucas HD, and Smith AA. CME – Burn reconstruction of the upper extremity and hand. *Plastic & Reconstructive Surgery* **2011**;127(2):752-759.

Casey WC, Rebecca AM, **Andres LA**, et al. Safety and efficacy of combined perforator flap breast reconstruction and intraabdominal procedures. *Annals of Plastic Surgery* **2010**;64(2):144-50.

Andres LA, Casey WJ, and Clarke HD. Techniques in Soft Tissue Coverage Around the Knee. *Techniques in Knee Surgery* **2009**;8(2):119-25.

Casey WC, Rebecca AM, **Andres LA**, et al. Abstract Supplement - Safety and efficacy of combined perforator flap breast reconstruction and intraabdominal procedures. *Plastic & Reconstructive Surgery* **2009**;123(6S):143C.

Andres LA and Mishra M. Scrotal angiomyxoma in a male patient. *Can J Plast Surg* **2007**;15(3):163-65.

Andres LA, Ford RD, Wilcox R. Necrotizing Colitis Caused by Systemic Aspergillosis in a Burn Patient. *J Burn Care Res* **2007**;28(6):918-921

Hammond DC, Simon A, and **Andres LA**. Pyoderma gangrenosum following reduction mammoplasty. *Can J Plast Surg* **2006**;14(1):37-40

Bennett-Guerrero E, Panah MH, Barclay GR, Bodian CA, Winfree WJ, **Andres LA**, Reich DL, and Mythen MG. Decreased endotoxin immunity is associated with greater mortality and/or prolonged hospitalization after surgery. *Anesthesiology* **2001**;94(6):992-8

Beilin Y, Friedman F Jr., **Andres LA**, et al. The effect of the obstetrician group and epidural analgesia on the risk for cesarean delivery in nulliparous women. *Acta Anaesthesiol Scand* **2000**;44(8):959-64

Bennett-Guerrero E, Barclay GR, Youssef ME, Hossain S, Vela-Cantos F, **Andres LA**, and Paxton IR. Exposure to *Bacteroides fragilis* endotoxin during cardiac surgery. *Anesth Analg* **2000**;90:819-23

Beilin Y, Bodian CA, Mukherjee T, **Andres LA**, et al. The use of propofol, nitrous oxide, and isoflurane on pregnancy outcome following gamete intrafallopian transfer (GIFT): a multicenter trial. *Anesthesiology* **1999**;90(1):36-41

Beilin Y, Zahn J, Bernstein HH, Zucker-Pinchoff B, Zenzen WJ, and **Andres LA**. Treatment of incomplete analgesia after placement of an epidural anesthetic for the woman in labor. *Anesthesiology* **1998**;88(6):1502-6

CURRENT RESEARCH IN PROGRESS

Andres LA. Mentor FDA Clinical MEN-15 Silicone Implant Trial of the larger-sized implants

Andres LA and Scottsdale Lincoln Health Network. Partnership for the Advancement of Comparative Expectedness Review (PACER). Selected as Surgeon Champion for this eight center, multi-site national breast reconstruction-focused outcomes.

Andres LA. Various clinical studies in conjunction with Mentor Corporation, MTF, and Bard.

Andres LA. 7-year experience of >1000 patients with acellular dermal matrix usage in immediate implant-based breast reconstruction.

Andres LA, Rebecca AM. Elastic properties of AlloDerm stretch.

Andres LA and Hammond DC. The latissimus dorsi myocutaneous flap for breast reconstruction in the obese patient.

Andres LA, Bengtson BP, and Ringler SL. A Comparison of the Results Using Shaped/Anatomical Breast Implants Versus Round Implants in Primary Breast Augmentation – A Retrospective Review.

Andres LA and Ringler SL. A 17-year retrospective review of saline breast implants utilizing the transaxillary approach.

Rechner BP, **Andres LA**, Fisher D, and Forrest C. The role of perioperative CT scans in non-syndromic craniosynostosis patients.

CONFERENCE PRESENTATIONS

2017 Arizona Society of Plastic Surgeons – Mayo Clinic: Phoenix, AZ 5/2017: “7-year review of Acellular Dermal Matrices with Breast Reconstruction”

2017 Arizona Society of Plastic Surgeons – Mayo Clinic: Phoenix, AZ 5/2017: “Advantages, Outcomes, and Complication Rates with the Mentor Artoura Tissue Expander in Breast Reconstruction”

2016 Michigan Academy of Plastic Surgeons – Mackinac Island, MI 7/2016: “A Seven-Year, Retrospective Analysis of A Single Surgeon’s Experience with Immediate Breast Reconstruction”

2016 Arizona Society of Plastic Surgeons – Mayo Clinic: Phoenix, AZ 5/2016: “Direct-to Implant Breast Reconstruction: Indications, Advancements, and Technical Pearls”

2010 Plastic Surgery Research Council Annual Meeting – Stanford, CA 5/2010: “Total body surface area measurements in the morbidly obese patient: the Lund-Browder chart re-visited”

2009 American Society of Plastic Surgeons – Seattle, WA 10/09: “Total body surface area measurements in the morbidly obese patient: the Lund-Browder chart re-visited”

2009 World Society of Reconstructive Microsurgery – Okinawa, Japan 6/09: “Safety and Efficacy of Combined Perforator Flap Breast Reconstruction and Intraabdominal Procedures”

54th Annual Plastic Surgery Research Council – Pittsburgh, PA 5/09: “Safety and Efficacy of Combined Perforator Flap Breast Reconstruction and Intraabdominal Procedures”

GRMERC Research Day – Grand Rapids, MI 5/09: “Total body surface area measurements in the morbidly obese patient: the Lund-Browder chart re-visited.” * Award – 2nd Place Presentation

2008 American Society of Aesthetic Plastic Surgeons – San Diego, CA 5/08: “A 17-Year Retrospective Review Of The Results Of Shaped/Anatomical & Round Saline Breast Implants In Primary Augmentation Mammoplasty”

GRMERC Research Day – Grand Rapids, MI 4/08: Poster - “Pyoderma Gangrenosum Following Reduction Mammoplasty”

GRMERC Research Day – Grand Rapids, MI 4/08: “An Interesting Case of Periorbital Sebaceous Carcinoma”

GRMERC Research Day – Grand Rapids, MI 4/08: “A 17-Year Retrospective Review Of The Results Of Shaped/Anatomical & Round Saline Breast Implants In Primary Augmentation Mammoplasty” *Award – Best Presentation

GRMERC Research Day – Grand Rapids, MI 4/08: “A Retrospective Review Of The Results Of Saline Breast Implants In Primary Augmentation Mammoplasty Using The Transaxillary Approach”

22nd Annual Virgin Islands Workshop in Plastic Surgery – St. John, USVI 1/08: “An Interesting Case Of Sebaceous Carcinoma – Presentation & Discussion”

22nd Annual Virgin Islands Workshop in Plastic Surgery – St. John, USVI 1/08: “A 17-year Retrospective Review Comparing The Results Of Shaped/Anatomical and Round Saline Breast Implants in Primary Breast Augmentation”

GRMERC Research Day – Grand Rapids, MI 4/07: “Scrotal Angiomyxoma Diagnosed in a Man Presenting for Abdominal Lipectomy” *Award - Best Case Presentation

GRMERC Research Day – Grand Rapids, MI 4/07: “The Role of Perioperative CT Scans in Non-Syndromic Craniosynostosis Patients”

John A. Boswick, MD International Burn Symposium - Maui, HI 2/07: “Necrotizing Colitis Caused by Systemic Aspergillosis in a Burn Patient”

Michigan Association of Plastic Surgeons - Mackinac Island, MI 8/06: "Pyoderma Gangrenosum - Reduction Mammoplasty”

1999 American Society of Anesthesiologists: The obstetrician group, not epidural analgesia, influences the cesarean section rate for the nulliparous woman in labor.

1997 American Association of Anesthesiologists and SAMBA: Intraoperative administration of low dose meperidine reduces shivering after general anesthesia in patients undergoing laparoscopic abdominal surgery.

1997 International Anesthesiology Research Society: Comparison of non-invasive blood pressure measurements in the upper and lower extremities during cesarean section.

1997 International Anesthesiology Research Society: Postoperative morbidity and prolonged hospital length of stay following cardiac vs. non-cardiac surgery.

PROFESSIONAL PRESENTATIONS

Sustainable cleft care: A comprehensive Model based on the Operation Smile Experience – Visiting Professor: University of Miami, Department of Surgery – Miami, FL 5/2022

Advances & Innovations in Breast Reconstruction and Lymphedema Treatment with Microsurgical Care Options - Bosom Buddies – Scottsdale, AZ 6/2013

Professional Consultant Presentations for Bard/Davol, Inc. – Breast Reconstruction with Acellular Dermal Matrix/AlloMax.

New Microsurgical and Reconstructive Techniques for Cancer, Trauma, and Lymphedema – John C. Lincoln Health Network – Phoenix, AZ 2/10

After Breast Cancer – New treatments for Breast Cancer and Options for Breast Reconstruction – John C. Lincoln Health Network – Phoenix, AZ 3/10

New Advances and Innovations in Breast Reconstruction and DIEP flaps/Perforator Flap Free Tissue Transfer Reconstructions – Bosom Buddies/Scottsdale Heath Care - Scottsdale, AZ 4/10

Breast Reconstruction – New Advances in Implant and Microsurgical Autologous Flap Reconstruction – The Wellness Community – Phoenix, AZ 11/09

Plastic & Reconstructive Surgery presentations/seminars on breast cancer/reconstruction, hand, microsurgery, and perforator flaps to physicians, staff, and community at: The Wellness Community, Bosom Buddies, RING Association 2009-10.

Plastic & Reconstructive Surgery and Hand Surgery Grand Rounds – Mayo Clinic-Arizona 5/09: “Non-Surgical Facial Rejuvenation – BoTox®, Fillers, Injectables, Lasers, and Skin Care”

Plastic & Reconstructive Surgery and Hand Surgery Grand Rounds – Mayo Clinic-Arizona 1/09: “Oncologic Reconstruction of Complex Head & Neck, Breast/Chest, Abdominal, and Lower Extremity Defects”

Plastic & Reconstructive Surgery and Hand Surgery Grand Rounds – Mayo Clinic-Arizona 11/08: “Periorbital and Nasal Reconstruction of Complex Mohs Defects”

Plastic & Reconstructive Surgery and Hand Surgery Grand Rounds – Mayo Clinic-Arizona 10/08: “Facial Disorders – Evaluation & Treatment”

Plastic & Reconstructive Surgery and Hand Surgery Grand Rounds - Grand Rapids, MI 2007-8: Organized/administrative chief resident for all Grand Rounds including Morbidity & Mortality, Interesting Cases, Preoperative Chief Conferences, and Journal Clubs for the 2007-8 year

Hand Surgery Grand Rounds - Grand Rapids, MI 2/08: "Brachial Plexus Injury – Diagnosis & Treatment"

Plastic & Reconstructive Surgery Grand Rounds - Grand Rapids, MI 3/07: “Facial Nerve Paralysis”

Plastic & Reconstructive Surgery Grand Rounds - Grand Rapids, MI 12/07: “International Medical Mission Experience”

Plastic & Reconstructive Surgery Grand Rounds - Grand Rapids, MI 11/06: "Lip, Cheek, and Scalp Reconstruction"

Hand Surgery Grand Rounds - Grand Rapids, MI 9/06: "Trapezio-Metacarpal Arthritis & Management"

Hand Surgery Grand Rounds - Grand Rapids, MI 8/06: "Flexor Tendon Injuries & Management"

Plastic & Reconstructive Surgery Grand Rounds - Grand Rapids, MI 5/06: "Ear Reconstruction"

Anatomy: Cadaveric dissection performed weekly and presented to residents and attendings of Plastic Surgery Division spanning a three-month period from Jan-Mar 2008

EXAMINATIONS

American Board of Plastic Surgery, Inc. Certification Exam: Passed (11/11) – Board Certification, Recertification (11/21)

Plastic & Reconstructive Surgery In-Training Exam: 2006-8

American Board of Surgery In-Training Exam: 2003-2006

USMLE STEP I: Passed (6/00)

USMLE STEP II: Passed (8/01)

USMLE STEP III: Passed (7/03)

LICENSES/PROFESSIONAL SOCIETIES

Diplomate - American Board of Plastic Surgery, Inc. (Admitted November 2011)

Fellow - American College of Surgeons (Admitted October 2016)

State of Arizona Medical Board - #40126

State of Michigan Medical Board - #4301080203

Active Member - American Society of Plastic Surgeons

Arizona Society of Plastic Surgeons

Mayo Clinic Alumni Society

Michigan State Medical Society

Harvard Alumni Society

Columbia Alumni Representative Committee

PROFESSIONAL APPOINTMENTS

Chair – Plastic & Reconstructive Surgery: HonorHealth – Shea Campus

Hospital tumor board consultant – John C. Lincoln Breast Health & Research Center, Banner Good Samaritan, Honor Health Network Tumor Group

Breast Program Leadership Committee – Plastic Surgery Chair

Assistant Clinical Professor – University of Arizona Medical School

Adjunct Faculty – Midwestern University Physician Assistant Program
Fellow/Instructor of Plastic & Reconstructive Surgery – Mayo Clinic
Instructor of Plastic & Reconstructive Surgery – Michigan State University
Team Physician/Surgeon – Team USA: Wrestling, Boxing, Judo, Archery, Fencing, other (Olympics 2008, 2012, 2016, 2018, 2020, 2024, Inter/national and World events); Colorado Springs, CO
Team Physician/Surgeon – Sunkist Kids/Arizona State Wrestling; Tempe, AZ
Team Physician/Surgeon – Phoenix Rising Ringers; Glendale, AZ
Team Physician/Surgeon – Copper State Ring Club; Cave Creek, AZ

CERTIFICATIONS

Co-instructor – Microsurgery training course for general surgery and urology residents – Mayo Clinic-AZ
Advanced Microsurgery Course/Training – Mayo Clinic, Rochester, MN 8/08
Basic Maxillofacial Principles & Techniques Course - Chicago, IL 8/06
Microsurgery Course - Cleveland, OH 7/06
Fundamental Critical Care Society Medicine Course 7/02
ACLS/ATLS/BLS

HONORS/AWARDS

Top Doctor – Phoenix Magazine (multiple time winner)
Voted Top Doc multiple consecutive years by peers in Phoenix Magazine in Plastic Surgery in categories: Body and Face (Top Honoree for both categories 2016)
Fellowships (Operation Smile and Stryker) for international medical training in pediatric/craniofacial plastic surgery
Chief Resident - MSU/Grand Rapids Plastic & Reconstructive Surgery Residency; 2007-8
Best Case Presentation Michigan - GRAMERC Day; 2006
Surgical Physician of the Quarter – Surgical Intensive Care Unit, Spectrum Hospitals; 2004
Wright Family Endowed scholarship recipient – MSU-CHM; 2000
Paul T. Werner, MD Family Endowed Scholarship recipient – MSU-CHM; 2000
Medical School Honor Society
Shelton Lectures in Molecular Medicine Award – Harvard Medical School; 1996
Jonathan P. Gross Memorial Award – Columbia University; 1994
Rhodes Scholarship Candidate – Columbia University (West region)
College Honor Societies
Auggie Garrido Orange County California Scholar-Athlete of the Year
All-American – wrestling

ACTIVITIES

International pediatric/craniofacial plastic surgery medical missions volunteer – Operation Smile
International plastic and reconstructive surgery medical missions volunteer – Arizona Dominican Medical Friends
International plastic and reconstructive surgery medical missions volunteer – Healing the Children – Arizona Chapter
International plastic and reconstructive surgery medical missions volunteer – Philippine American Medical Mission
Foundation of Michigan
MSU-CHM Admissions Committee representative and Orientation Committee member
Medical student coordinator and president of Geriatrics Student Group
Alternative Spring Break medical student – Boston Living Center
Student volunteer – Friendship Clinic, Serving the People Day, and scribe service
Graduate Assistant at Harvard University/Medical School in neurobiology, genetics, and biochemistry
Tutor for underprivileged children
Focused interest in geriatric medicine with extensive volunteer work in nursing homes, senior centers, and hospice

HOBBIES

Collegiate and Olympic level Freestyle and Greco-Roman wrestling – competed @ 1992 & 1996 Olympic Trials
Intramural/recreational sports – Brazilian Jiu Jitsu, Muay Thai kickboxing, golf, soccer, and scuba diving
New York marathon (1991 and 1994), Boston marathon (1995), Phoenix marathon (2009)
French Ring Working Dog Sport
Travel
Arts & theater
Musical instruments: concert piano, dueling-piano musician, guitar
Languages: Spanish, Filipino (Ilocano), and Latin